

ILE RONDE

ST. MARY'S CURRENT

IMPROVEMENT OF MONTREAL HARBOUR,
PLAN & JOURNAL OF BORES,
TAKEN IN BED OF RIVER.



JOURNAL OF BORES.

Number of Test Pit or Boring.	DESCRIPTION OF MATERIAL PASSED THROUGH.	Thickness of Strata.	Total Depth from Low Water.	Number of Test Pit or Boring.	DESCRIPTION OF MATERIAL PASSED THROUGH.	Thickness of Strata.	Total Depth from Low Water.
		Ft. In.	Ft. In.			Ft. In.	Ft. In.
1	Water.	0 0	2 0	35	Water.	10 6	34 6
2	Gravel, (to rock.)	2 0	2 0	36	Soft clay, (rock not found.)	24 0	34 6
3	Water.	0 6	0 6	37	Water.	16 0	29 0
4	Gravel, (to rock.)	0 6	0 6	38	Clay, (to rock.)	13 0	29 0
5	Water.	1 6	1 0	39	Water.	13 0	19 0
6	Gravel, (to rock.)	0 6	2 6	40	Fine sand.	6 0	19 0
7	Water.	2 6	2 6	41	Sand and small boulders.	8 0	25 0
8	Gravel, (to rock.)	1 6	0 0	42	Quicksand and small boulders.	9 0	25 0
9	Water.	0 6	0 0	43	Water.	4 6	34 6
10	Gravel and sand.	1 0	5 0	44	Soft clay, (rock not found.)	30 0	34 6
11	Water.	0 6	4 3	45	Water.	10 0	25 0
12	Gravel, sand, and small boulders, (to rock.)	4 3	4 3	46	Fine sand and a few small boulders.	15 0	25 0
13	Water.	1 0	3 0	47	Water.	9 0	34 0
14	Gravel, (to rock.)	0 6	4 6	48	Soft clay, (rock not found.)	25 0	34 0
15	Water.	0 6	8 6	49	Water.	21 6	33 6
16	Gravel and clay, (to rock.)	8 6	8 6	50	Soft clay, (rock not found.)	20 0	25 10
17	Water.	1 6	7 0	51	Hard pan and gravel to rock.	5 10	25 10
18	Gravel.	4 3	7 0	52	Water.	20 4	22 7
19	Water.	0 0	1 0	53	Hard pan and gravel.	2 3	21 10
20	Mud and gravel.	4 6	7 0	54	Water.	16 9	21 10
21	Water.	0 0	1 0	55	Hard pan and gravel to rock.	18 10	22 0
22	Gravel, (to rock.)	1 0	8 0	56	Water.	17 9	26 1
23	Water.	0 0	8 0	57	Hard pan and gravel.	10 2	25 4
24	Gravel and blue clay, (tough,) to rock.	7 0	8 0	58	Water.	13 0	19 11
25	Water.	2 0	10 0	59	Hard gravel to rock.	6 11	19 11
26	Hard pan.	8 0	10 0	60	Water.	15 5	23 5
27	Gravel, (to rock.)	1 0	2 0	61	Hard gravel.	15 9	23 5
28	Water.	0 0	1 0	62	Water.	7 0	22 9
29	Gravel, (to rock.)	1 0	1 0	63	Stiff clay and gravel to rock.	15 4	20 4
30	Water.	0 0	12 0	64	Water.	5 0	20 4
31	Gravel, quicksand, and blue clay, (to rock.)	11 0	12 0	65	Clay and gravel, (very hard.)	16 5	25 3
32	Rock, (drilled into.)	3 0	16 0	66	Water.	8 10	25 3
33	Water.	0 6	0 6	67	Gravel and clay to rock.	12 1	16 9
34	To rock.	0 0	0 0	68	Water.	4 8	16 9
35	Gravel, (to rock.)	1 0	2 0	69	Gravel and clay to rock.	17 9	23 7
36	Water.	0 6	1 6	70	Water.	5 10	23 7
37	Gravel, (to rock.)	0 6	1 6	71	Water.	20 4	25 9
38	Water.	0 6	9 6	72	Clay and gravel.	11 1	23 1
39	Tough clay, (to rock.)	6 0	15 6	73	Hard gravel to rock.	12 0	23 1
40	Water.	1 0	5 6	74	Water.	7 5	16 6
41	Gravel, quicksand, and blue clay.	10 0	9 6	75	Gravel and hard pan to rock.	19 0	16 6
42	Tough clay, (to rock.)	6 0	15 6	76	Water.	9 0	28 0
43	Water.	4 6	5 6	77	Hard gravel.	14 7	21 9
44	Gravel.	10 0	10 0	78	Gravel and clay to rock.	14 10	21 9
45	Tough blue clay, (to rock.)	0 0	19 0	79	Water.	12 4	27 2
46	Water.	2 0	2 0	80	Gravel and clay.	15 4	23 11
47	Gravel.	6 0	8 0	81	Gravel and hard pan.	11 8	27 9
48	Tough blue clay, (to rock.)	7 0	15 0	82	Water.	16 1	19 3
49	Water.	0 0	11 0	83	Gravel and sand.	13 2	28 2
50	Gravel, quicksand, and blue clay.	11 0	11 0	84	Water.	15 2	20 10
51	Tough blue clay, (to rock.)	6 0	22 0	85	Hard gravel to rock.	7 2	14 7
52	Water.	7 0	11 0	86	Gravel and clay to rock.	3 10	11 10
53	Coarse black sand and small boulders, (soft.)	11 0	20 0	87	Water.	16 2	17 0
54	Sand and small boulders, (very hard.)	5 0	25 0	88	Hard gravel to rock.	0 10	21 5
55	Water.	8 0	14 0	89	Water.	18 10	21 5
56	Coarse sand, gravel, and small stones.	6 0	18 0	90	Hard gravel to rock.	15 5	16 4
57	Loose sand, gravel, and quicksand.	4 0	25 0	91	Water.	0 11	15 3
58	Quicksand and small stones.	7 0	25 0	92	Hard gravel to rock.	1 8	4 6
59	Water.	10 0	17 0	93	Water.	2 10	26 1
60	Quicksand, loose sand, gravel, and small boulders.	7 0	22 0	94	Gravel and clay to rock.	4 9	26 1
61	Do. do. more loose sand.	5 0	22 0				
62	Loose sand and gravel—a good many small stones.	2 6	24 6				
63	Do. do. do.	1 0	25 6				
64	Water.	10 0	18 0				
65	Quicksand, (hard.)	8 0	24 0				
66	Fine sand.	6 0	27 0				
67	Coarse sand and small stones.	3 0	27 0				
68	Water.	6 5	33 6				
69	Soft clay, (rock not found.)	27 0	33 6				
70	Water.	12 0	12 6				
71	Coarse black sand and gravel.	0 6	12 6				
72	Fine sand and small boulders.	15 6	25 0				
73	Sand and gravel.	2 0	30 0				

